To: CN=John Cox/OU=ADA/O=USEPA/C=US@EPA[]
Cc: CN=Cindy Paul/OU=ADA/O=USEPA/C=US@EPA;CN=Shauna Bennett/OU=ADA/O=USEPA/C=US@EPA;CN=Sujith Kumar/OU=ADA/O=USEPA/C=US@EPA[]; N=Shauna Bennett/OU=ADA/O=USEPA/C=US@EPA;CN=Sujith Kumar/OU=ADA/O=USEPA/C=US@EPA[]; N=Sujith Kumar/OU=ADA/O=USEPA/C=US@EPA[]
Bcc: []
From: CN=Steve Vandegrift/OU=ADA/O=USEPA/C=US
Sent: Wed 7/18/2012 3:26:49 PM
Subject: IMPORTANT!! Re: Pavillion ADQ Fw: Low Molecular wt acids
http://www.neptuneandco.com

John-

I would like to retract what I said earlier. The QC checks should not count as samples! For the requirement of a CCC every 10 samples you may have more than 10 analyses between CCCs due to lab dups and spikes, but you should have 10 original or source samples.

I apologize for the confusion on this.

sv

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From: John Cox/ADA/USEPA/US
To: Steve Vandegrift/ADA/USEPA/US@EPA
Cc: Cindy Paul/ADA/USEPA/US@EPA, Shauna Bennett/ADA/USEPA/US@EPA, Sujith Kumar/ADA/USEPA/US@EPA
Date: 07/18/2012 10:02 AM
Subject: Re: Pavillion ADQ Fw: Low Molecular wt acids

Steve
We will begin including the QC runs in the sample count. However I recommend we revise the SOP to change 'samples' to analyses, and increase the number of analyses to 20. I would also like to insert the statement concerning the use of a single analysis for both CCC and LCS. This would be consistent with the MS headspace methods. The headspace methods do not count QC analyses as samples either and will also need the wording changed to 'analyses'.

John S. Cox

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Shaw Environmental, Inc

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From: Steve Vandegrift/ADA/USEPA/US
To: John Cox/ADA/USEPA/US@EPA
Cc: Cindy Paul/ADA/USEPA/US@EPA, Shauna Bennett/ADA/USEPA/US@EPA, Sujith Kumar/ADA/USEPA/US@EPA
Date: 07/18/2012 09:36 AM
Subject: Re: Pavillion ADQ Fw: Low Molecular wt acids

John-

I understand the logic used, however, the dups and spikes are still "unknowns", and should be counted as samples.

sv

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From: John Cox/ADA/USEPA/US
To: Steve Vandegrift/ADA/USEPA/US@EPA
Cc: Cindy Paul/ADA/USEPA/US@EPA, Shauna Bennett/ADA/USEPA/US@EPA, Sujith Kumar/ADA/USEPA/US@EPA
Date: 07/17/2012 07:54 AM
Subject: Re: Pavillion ADQ Fw: Low Molecular wt acids

Steve

Attached are two pdf's, one is the run log with the sample count highlighted and the second is Table 4. Summary of measurement quality objectives for six organic acids analysis
by HPLC with the text describing our basis for the sample count. In short, we do not count spikes or duplicates in the 10 sample interval. Our question is should we do the CCC after 10 samples or 10 analyses? We would have no issues with doing a CCC every 10 analyses.

[attachment "6521_6522 run log with 10 samples highlighted.pdf" deleted by Steve Vandegrift/ADA/USEPA/US]

[attachment "RSKSOP-112 with DQO highlighted.pdf" deleted by Steve Vandegrift/ADA/USEPA/US]

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From: Steve Vandegrift/ADA/USEPA/US
To: Shauna Bennett/ADA/USEPA/US@EPA
Cc: John Cox/ADA/USEPA/US@EPA, Sujith Kumar/ADA/USEPA/US@EPA, Cindy Paul/ADA/USEPA/US@EPA
Date: 07/16/2012 04:57 PM
Subject: Pavillion ADQ Fw: Low Molecular wt acids

Shauna-

Please see email below.

Apparently CCCs were not run, but LCS samples were. Were these actually CCCs bu labelled as LCS?

Please provide a response tomorrow morning.

sv

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----- Forwarded by Steve Vandegrift/ADA/USEPA/US on 07/16/2012 04:53 PM -----

From: David Gratson <dgratson@neptuneinc.org>
To: Steve Vandegrift/ADA/USEPA/US@EPA
Cc: Rebecca Shircliff <rshircliff@neptuneinc.org>
Date: 07/16/2012 04:17 PM
Subject: Low Molecular wt acids

Steve,

here is the low molecular weight acids issue/question:

Low MW Organic Acids QC Frequency Not Met. The continuing calibration check (CCC) frequency was not met for sample set 6521, where a CCC was not ran every 10 samples (there was a 15 field sample gap). However, there were 2 lab control spikes ran within this gap that were within control limits

See page 4, the run log in file *OA866SF SS#6521.pdf

--
David Gratson, CEAC

Environmental Chemist
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"Nature holds the key to our aesthetic, intellectual, cognitive and even spiritual satisfaction." E. O. Wilson.